

**ABSTRACT OF THE DISCLOSURE**

The measuring system measures a respiratory waveform by the costal respiratory measuring unit and the abdominal respiratory measuring unit. Each measuring unit includes the sensing unit for detecting volume change of the measurement part, and the fixing unit for arranging the sensing unit to the measurement part. The sensing unit detects volume change of the measurement part with the pressure change given by the fixing unit and the measurement part. The control unit controls measurement and receives output from the measuring unit. The respiratory waveform of chest respiration and abdominal respiration is independently acquirable from the above composition. The acquired respiratory waveform is analyzed in the analyzing unit, and is referred to the respiratory function database, and the medical view is acquired for the subject's respiratory function.